

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTORNEY'S DKT No. 033072-007	APPLICATION No. 09/772,664
	APPLICANT Lawrence S. Barak et al.	
	FILING DATE January 30, 2001	GROUP 1632

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
AMF	5,625,048		Tsien, et al.	04/29/1997
↓	5,582,834		Leung, et al.	12/10/1996
↓	5,578,079		Kamel, et al.	11/26/1996
↓	5,575,997		Leung, et al.	11/19/1996
AMF	5,522,896		Prescott	06/04/1996

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Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
AMF	WO97/11091		PCT	03/27/1997	abstr	
↓	WO96/27675		PCT	09/12/1996		
↓	WO96/27027		PCT	09/06/1996		
↓	WO96/23898		PCT	08/08/1996		
↓	WO96/23810		PCT	08/08/1996		
AMF	WO95/21191		PCT	08/10/1995		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AMF	HEIM, ROGER, et al., "Wavelength mutations and posttranslational autoxidation of green fluorescent protein," <i>Proceedings of the National Academy of Sciences, USA</i> , December 20, 1994, pp.12501-12504, Vol. 91, No. 26, Academy of Sciences of the United States.
AMF	PRASHER, DOUGLAS C., et al., "Primary structure of the <i>Aequorea victoria</i> green-fluorescent protein," <i>Gene</i> , 1992, Vol. 111, pp. 229-233, No. 2, Elsevier Science Publishers B.V.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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INFORMATION DISCLOSURE CITATION

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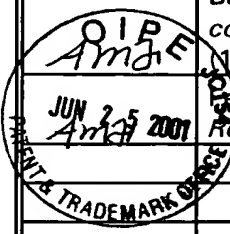
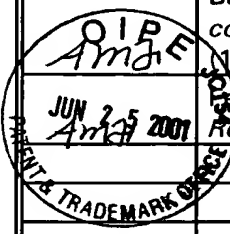
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Amz	5,284,746	2/8/94	Sledziewski, et al.				
↓	5,468,854	11/21/95	McCabe, et al.				
	5,482,835	1/9/96	King, et al.				
	5,491,084	2/13/96	Chalfie, et al.				
	5,532,157	7/2/96	Fink				
	5,576,436	11/19/96	McCabe, et al.				
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Amz	5,989,835	11/23/99	Dunlay, et al.				
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
Amz	WO94/16684	8/4/94	PCT	—	—		
Amz	WO98/12310		PCT	—	—		

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Amz	Barak, L., et al., <i>Internal Trafficking and Surface Mobility of a Functionally Intact β_2-Adrenergic Receptor-Green Fluorescent Protein Conjugate</i> , <u>Mole Pharm.</u> 51 :177-184 (1997).
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	Ferguson, S., et al., <i>Role of Phosphorylation in Agonist-promoted β_2-Adrenergic Receptor Sequestration</i> , <u>The J. Of Biological Chem.</u> 270 , No. 42:24782-24789 (1995).
	Ferguson, S., et al., <i>Role of β-Arrestin in Mediating Agonist-Promoted G Protein-Coupled Receptor Internalization</i> , <u>Science</u> 271 :363-366 (1996).
	Lohse, M., et al., <i>β-Arrestin: A Protein That Regulates β-Adrenergic Receptor Function</i> , <u>Science</u> 248 :1547-1550 (1990).
	Ménard, L., et al., <i>Members of the G Protein-Coupled Receptor Kinase Family That Phosphorylate the β-Adrenergic Receptor Facilitate Sequestration</i> , <u>Biochem.</u> 35 :4155-4160 (1996).
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Amz	Cubitt, A., et al., <i>Understanding, Improving and Using Green Fluorescent Proteins</i> , <u>Trends in Biochemical Sciences</u> , 448-455 (1995).		
	Harris, E., et al, <i>Protein Purification Methods</i> , Oxford University Press, New York, 12-18, (1990).		
↓	Yokoe, <i>Spatial Dynamics of GFP-tagged proteins investigated by local fluorescence enhancement</i> , <u>Nature Biotechnology</u> , 14:1252 (October 1996).		
	Barak, et al., <u>Abstract #2484</u> , <u>Molecular Biology of the Cell</u> , 7:427a (December 1996).		
Amz	Attramadal, et al., β -Arrestin2, a Novel Member of the Arrestin/ β -Arrestin Gene Family*, <u>The Journal of Biological Chemistry</u> , 267:25 17882-17890 (1992).		
	Barak, et al., A β -Arrestin/Green Fluorescent Protein Biosensor for Detecting G Protein-coupled Receptor Activation*, <u>The Journal of Biological Chemistry</u> , 272:44 27497-27500 (1997).		
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EXAMINER	Anne-Marie Jalk		DATE CONSIDERED 9/20/02

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U.S. Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
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	5,462,856		Lerner, et al.	10-31-1995
	5,541,309		Prasher	07-30-1996
	5,627,039		Pereira-Smith, et al.	05-06-1997
	5,700,673		McElroy, et al.	12-23-1997
	5,744,313		Williams, et al.	04-28-1998
	5,804,387		Cormack, et al.	09-08-1998
	5,856,111		Ullrich, et al.	01-05-1999
	5,912,137		Tsien, et al.	06-15-1999
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	5,958,713		Thastrup, et al.	09-28-1999
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Examiner Initials	Number	Kind Code (if known)			Yes	no
Am2	95/21191		WO (PCT/US95/01425)	08-10-1995		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
Am2	Goodman, O., et al., "β-Arrestin acts as a clathrin adaptor in endocytosis of the β ₂ -Adrenergic receptor", <i>Nature</i> , 383(3):447-450, 1996.		
↓	Heim, R., et al., "Wavelength mutations and posttranslational autoxidation of green fluorescent protein", <i>Proc. Natl. Acad. Sci., USA</i> , [Biochemistry] 91(26): 12501-12504, 1994.		
	McConalogue, K, et al., "Cellular and Subcellular Localization of G-Protein Receptor Kinases, Arrestins and G-Proteins: Implications for Receptor Regulation", <i>Gastroenterology</i> , 110(4): 1 Supplement:A1098 AGA Abstracts, 1996..		
	Prasher, D. C., et al., "Primary structure of the <i>Aequorea victoria</i> green-fluorescent protein," <i>Gene</i> , [Elsevier] 111(2): 229-233, 1992.		
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Examiner Signature	Anne-Marie Jalk		Date Considered 9/20/02

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